

# Converting Colors

Hex(7D44FF)

Have a look what the booklet for  
Hex(7D44FF) contains.

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**Color**

**Hex(7D44FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D44FF
RGB	125, 68, 255
RGB Percent	49%, 27%, 100%
CMY	0.5098, 0.7333, 0.0000
CMYK	0.51, 0.73, 0.00, 0.00
HSL	258°, 100%, 63%
HSV	258°, 73%, 100%
XYZ	28.5746, 15.7142, 96.1348
YIQ	106.3610, -26.0550, 70.2410

# Conversions

## Conversions Part 2

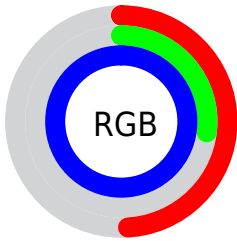
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 68, 255
Decimal	8209663
CIE <sub>Lab</sub>	46.60, 65.14, -83.94
CIE <sub>LCh</sub>	47, 106.250, 307.811
Yxy	15.7142, 0.2035, 0.1119
Android (android.graphics.Color)	4286399743 (0xFF7D44FF)
YUV	106.3610, 73.2790, 16.3464
Hunter-Lab	39.6412, 59.2963, -116.0369

# Details

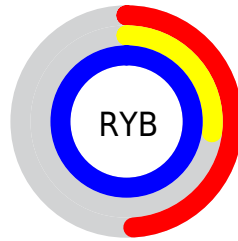
The Hex color **7D44FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **C6FF44**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BB79FF**, and **3705C5** is the 20% darker color. If you saturate the color by 10%, you get **6B2AFF**, and if you desaturate by 10%, it is **8F5DFF**.

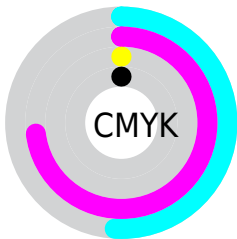
# Distribution



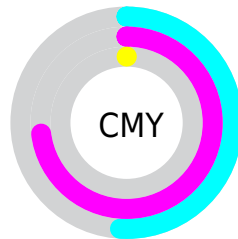
- Red (49%)
- Green (27%)
- Blue (100%)



- Red (49%)
- Yellow (27%)
- Blue (100%)



- Cyan (51%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (73%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D44FF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7D44FF by changing the saturation by 10% instead.



 7D44FF

 7D44FF

FFFFFF

 5C29E2

 BB79FF

 3705C5

 DA95FF

 0000A9

 F9B0FF

 00008D

 FFCDFD

 000073

 FFEAFF

 000759

 000740

 000329

 000113

 7D44FF

 7D44FF

 6B2AFF

 8F5DFF

 5A11FF

 A077FF

 4E00FF

 B291FF

 C4AAFF

 D6C3FF

 E7DDFF

 F9F6FF

FFFFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0076FF



7D44FF



E300B4

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7D44FF



BA4E00



008E85

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7D44FF



C6FF44

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008B21



7D44FF



727300

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7D44FF



ED0000



008400



008FDC

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7D44FF



FC0079



008400



008E65



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7D44FF



D8C7FF



44C7FF



685E80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7D44FF



631FFF



DA44FF



777380



3A00BF



130040



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF44C6



FF1FBB



69FF44



80737C



BF0085

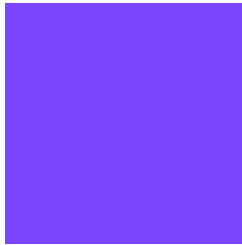


40002C



# Previews

## White Background



This preview shows how the Hex color 7D44FF looks on a white background.

## Color Contrast Check

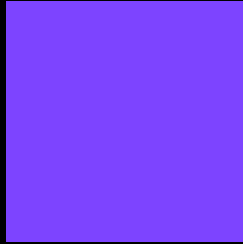
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7D44FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

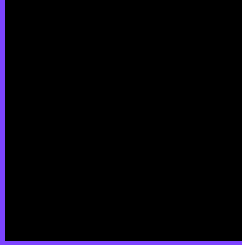
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D44FF Background



This preview shows how black text looks on a background with the Hex color 7D44FF.

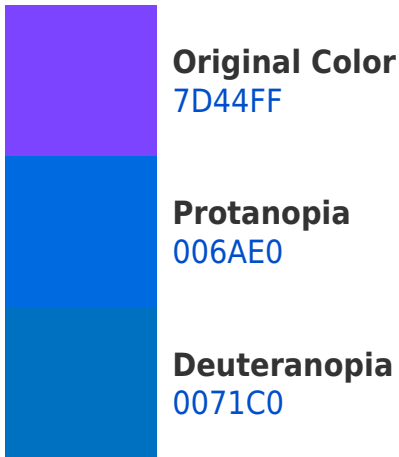



This preview shows how white text looks on a background with the Hex color 7D44FF.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

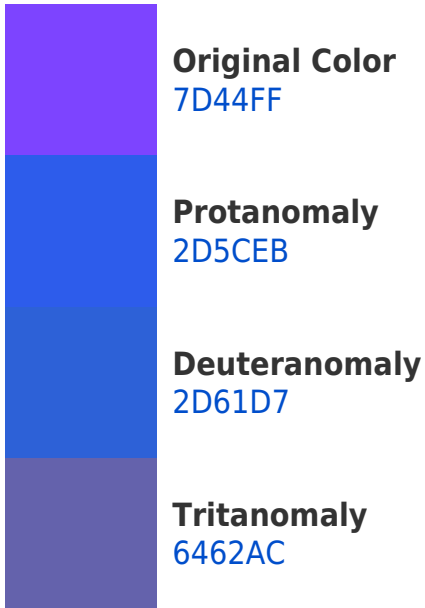
## Dichromacy



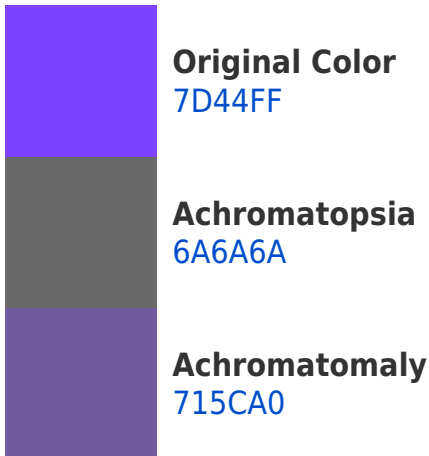


**Tritanopia**  
56737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D44FF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7D44FF looks like.

```
.text, #text, p{  
    color:#7D44FF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7D44FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D44FF
}
```

## Border

The CSS property to change the border of an element to Hex 7D44FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D44FF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7D44FF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7D44FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D44FF; -webkit-box-shadow:4px 4px  
4px 4px #7D44FF; box-shadow:4px 4px 4px  
4px #7D44FF }
```

# Background

The CSS property to change the background color of an element to Hex 7D44FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D44FF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7D44FF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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